L11Adm Segment 2.3.0.0
(for Unified Build 3.0.2.5)

Version Description Document

1. System Overview

The Link-11/TADIL-A core component adds passive and two-way Link-11/TADIL-A capability to Defense Information Infrastructure (DII) Common Operating Environment (COE) Unified Build Core-based systems.

The 2.3.0.0 version of Link-11/TADIL-A satisfies multiple platform requirements using an implementation independent approach. Implementations currently supported include: FFG7 for Coast Guard, ATACC/TAOM for Marine Corps, Submarine for CCS Mk2, and TSC.

The host computers for DII COE are the Tactical Advanced Computer, version 3/4 (TAC-3/TAC-4) with the HP-UX 10.20 operating system and the Sparc 10/20 with Solaris 2.5.1 operating system. Two-way Link-11 is supported on HP only, using the GET Engineering Full Wide NTDS card (# 10078501).

The L11Adm segment loads the configuration menus that enable the two-way capability. Loading the L11Adm segment will select the two-way implementation table by default.

2. Applicable Documents

The capabilities emabled by the L11Adm segment are documented in the Link-11 Software User=s Manual.

> **!** Software User=s Manual Link-11/TADIL A Version 2.3.0.0
>   (Link-11 2.3.0.0:SUM1.0   4/14/97)

3. Version Description

3.1 Inventory of Materials Released

Magnetic media:

The L11Adm 2.3.0.0 Segment (for UB 3.0.2.5) on a 4mm DAT cartridge is intended for:

> **!** TAC-3/TAC-4 hardware environment. The segment can be run on DII COE
>   Kernel Version 3.0.1.0 supporting HP-UX 10.20.

The L11Adm 2.3.0.0 Segment (for UB 3.0.2.5) on an 8mm EXABYTE cartridge is intended for:

> **!** Sparc 10/20 hardware environment. The segment can be run on DII COE

Kernel Version 3.0.0.3P2 supporting Solaris Operating System Version 2.5.1.

Documents:

! Installation Procedures for the L11Adm Segment (Version 2.3.0.0) of Unified Build (UB) 3.0.2.5 (L11Adm/3.0.2.5:IP1.0 4/14/97)

! L11Adm Segment 2.3.0.0 (for Unified Build 3.0.2.5) Version Description Document (L11Adm/3.0.2.5:VDD1.0 4/14/97)

3.2 Software Changes

None for the L11Adm segment. Changes for the Link-11 segment are listed in the Link-11 2.3.0.0 Version Description Document.

4. Impact on Developers

A. Segment developers will be required to:

! For map capabilities, use NIMA Joint Mapping Toolkit (JMTK) based on Joint Mapping Toolkit Visualization Component 3.0.2.5 for the 3.0.2.5 delivery. Any previous versions of JMTK are totally incompatible with UB 3.0.2.5.

! Use the delivered version of DII COE ConvertSeg and VerifySeg tools to create and verify segments.

B. Bug in COEInstaller

Developers need to be aware of a bug in the COEInstaller, with respect to the environment variable $INSTALL_DIR. This environment variable is **not** set until **after** the DEINSTALL script has run. Therefore, if developers use the $INSTALL_DIR variable without setting it up in their DEINSTALL script, the deinstall will fail.

The problem arises if developers use their $INSTALL_DIR as follows, without the variable being previously initialized:

```
if ($?INSTALL_DIR) then

   setenv XXX_HOME   $INSTALL_DIR

else

   setenv XXX_HOME   /h/XXX

endif
```

When more than one segment is deinstalled at the same time, the $INSTALL_DIR for the last segment deinstalled is used rather than the home directory of the developer's segment. Therefore, it is necessary to manually set the $INSTALL_DIR variable in the DEINSTALL script by adding this code at the beginning of the script:

```
unset INSTALL_DIR
set INSTALL_DIR = /h/XXX
```

where XXX = the name of the segment directory